

CURRICULUM VITAE

Name: Sadequr Rahman.

Date/Place of Birth: 7.9.57.

Nationality: Australian/Bangladeshi.

Academic Record

1979 B.A., University of Cambridge, UK. Major in Biochemistry.

1983 Ph.D., University of London, UK. Thesis entitled: "The synthesis of seed storage proteins in barley"

1983-85 MRC Post-doctoral fellow with Prof. Byron G. Lane, Department of Biochemistry, University of Toronto, Canada. Research focus The molecular characterisation of Germin.

Employment Record:

1986 Appointed Assistant Professor, Department of Biochemistry, University of Dhaka, Bangladesh. Research work was concerned with protein breakdown in germinating rice seeds and molecular analysis of *Shigella*, a common cause of gastro-intestinal disease in Bangladesh.

1988 Appointed Research Scientist, CSIRO Wheat Research Unit, North Ryde. Research area. Characterisation of grain softness protein.

1990 Appointed Senior Research Scientist.

1992 Transferred to Canberra to initiate work on starch biosynthesis.

1994 Department of Science, Industry and Trade fellowship to spend three months in Dr. Peter Shewry's laboratory to initiate immuno-screening of expression libraries.

2000 Science and Technology Fellowship, Japan to spend six weeks on transforming rice with wheat large insert clone for isoamylase in Dr. Yasunori Nakamura's laboratory.

2000 Japan Society for the Promotion of Science fellowship to spend eight weeks on detecting wheat genes in rice and wheat by fluorescent in situ hybridisation in Prof. Yasuhiko Mukai's laboratory.

2000 Appointed Principal Research Scientist and Sub-Program Leader, supervising about 20 staff.

Invited Speaker at National and International Symposia (1985 -):

1998 4th Asia Pacific Conference on Agricultural Biotechnology. Darwin. Chairman of session on Starch.

1998 9th NIAR/COE International Symposium. Tokyo. 'Frontier Research of Plant Genome Functions. ' The structure of genes involved in starch biosynthesis in wheat.'

2001 American Association of Cereal Chemists. (Could not attend).

2002. Combio Conference, Sydney.

PUBLICATIONS LIST
S.RAHMAN

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4. Rahman, S., Kreis, M., Forde, B.G., Shewry, P.R. and Miflin, B.J. 1983
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10. Kreis, M., Shewry, P.R., Forde, B.G., Rahman, S., and Miflin, B.J. 1985.
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J. Mol. Biol. 183, 499-502.
11. Grzelczak, Z., Rahman, S., Kennedy, T.D. and Lane B.G. 1985.

Compartmentation of germin, its translatable mRNA and its biosynthesis among the roots, stems and leaves of wheat seedlings.
Can. J. Biochem. 63, 317-327.

12. Rahman, S., Grzelczak, Z., Kennedy, T.D. and Lane B.G. 1988.
 Germin. Molecular cloning of cDNA that selects germin from bulk wheat mRNA.
Biochem. Cell. Biol. (formerly *Can. J. Biochem.*). 66, 100-106.

13. Gomez, P.F. and Rahman, S. 1989.
 Inhibition of protein breakdown during germination of rice seedlings under saline conditions.
The Dhaka University Studies, Part E, 4, 153-155.

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14. Morell, M., Appels, R., Rahman, S., Abrahams, S., Kosar-Hashemi, B., O'Shea, M., Samuel, M., Li, Z., Tamas, L., Bekes, F. 1996. Report to Industry No 2 (Groupe Limagrain, Goodman-Fiedler). Fundamentals of Wheat Starch and Protein Research Agreement.
15. Morell, M., Appels, R., Rahman, S., Abrahams, S., Kosar-Hashemi, B., O'Shea, M., Samuel, M., Li, Z., Tamas, L., Bekes, F. 1996. Report to Industry No 3 (Groupe Limagrain, Goodman-Fiedler). Fundamentals of Wheat Starch and Protein Research Agreement.
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